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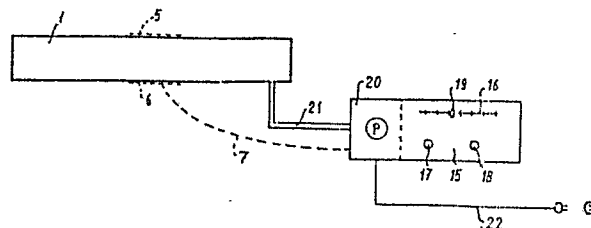
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54 **Mattress.**

57 This invention relates to a mattress (1) with one or more closed chambers (23) which are filled with a fluid and connected to means (20,27) for supplying or removing fluid to or from a chamber (23) each chamber having a device (5,6,24,25) for measuring the distance between the top face and the bottom face of the chamber. The value of the measure distance can be compared with a desired or preset value can be displayed and can be used for manual or automatic control of the contents of each chamber.

fig-2



DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	DE-A-3 400 425 (THOMAS) * Page 9, line 15 - page 10, line 5; figure 4 *	1	A 47 C 27/10 A 47 C 31/12
A	DE-A-2 922 619 (BATTELLE-INSTITUT)		
D, A	EP-A-0 122 666 (STICHTING REVALIDATIE)		
A	EP-A-0 116 470 (LYALL)		
A	US-A-4 542 547 (HISASHI)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			A 47 C
Place of search		Date of completion of the search	Examiner
THE HAGUE		23-03-1988	VANDEVONDELE J. P. H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	